

Message

From: Flourney, Karen [Flourney.Karen@epa.gov]
Sent: 6/28/2013 8:46:02 PM
To: Kinman, Linda [kinman@dmww.com]
CC: William Ehm [william.ehm@dnr.iowa.gov]; Brooks, Karl [brooks.karl@epa.gov]; Cacho, Julia [Cacho.Julia@epa.gov]
Subject: DMWW-Daily nitrate levels

Linda-Karl and staff will be in Des Moines on July 23 for a meeting. We have coordinated with Bill Ehm, IDNR, and Karl, Chuck G, Bill E and others are available to meet with you and others from Des Moines Waterworks from 2:30-3:30 at the Wallace Building.

If I recall correctly when you initially sent the meeting request, IDNR responded and asked for an agenda for the meeting. Please let Bill and I know if this time will work. Meeting at IDNR works best for commitments they have later that day. We look forward to receiving an agenda from you and thanks for your patience as we tried to maximize EPA travel to Iowa. Karen Flourney

From: Flourney, Karen
Sent: Thursday, June 20, 2013 5:05:52 PM
To: Kinman, Linda
Cc: William Ehm; Brooks, Karl; Cacho, Julia
Subject: DMWW-Daily nitrate levels

Linda-thanks for your email. We appreciate you interest in meeting with the Agencies and the importance of maintaining drinking water that meets the SDWA requirements. While Karl and I were both on travel in different cities we talked further about the conversation you and I had. It looks like the other meeting we are trying to arrange may occur week of July 8, which I indicated was the earliest time Karl is available. Karl's strong preference is to have IDNR and IDALS in the meeting along with EPA as we all have a role in this issue. We will get back with you shortly about a meeting date. Thanks a lot!! Karen Flourney

From: Kinman, Linda [mailto:kinman@dmww.com]
Sent: Wednesday, June 19, 2013 10:50 AM
To: Brooks, Karl; Flourney, Karen
Cc: Stowe, Bill; McCurnin, Mike; Mitchell, Jeff; Kahler, Amy
Subject: DMWW-Daily nitrate levels
Importance: High

Karen – thank you talking with me yesterday. As I mentioned there is an urgency in our request to talk with EPA. Attached is a spreadsheet with the daily nitrate levels in our source waters. DMWW is utilizing all sources of water, except the rivers, which is our state permitted source waters, to be able to meet the drinking water standard. As temperatures and demand go up we may be forced to utilize high nitrate river water. When river water levels go down – nitrates will become more concentrated. We have had to utilize the nitrate removal facility for the first time since 2007 to be able to meet the drinking water standard. Even with utilization of the nitrate removal facility DMWW is very concerned that a violation of the drinking water standard could occur. DMWW serves approximately 500,000 people in Central Iowa, and this is not a headline EPA or DMWW wants to see. The public health protection of our youngest customer is at risk.

Key for spreadsheet –

RR-Raccoon River

DMR-Des Moines River

LL-Infiltration gallery

FE-Filter effluent

Fleur Finish-Finished drinking water distributed from our Fleur Drive plant

SF-Finished drinking water distributed from our Saylorville plant

MF-Finished drinking water distributed from our McMullen plant

MR-Maffitt (Reservoir) raw water – an emergency supply source owned by DMWW

Linda Kinman | Public Policy Analyst/Watershed Advocate

Des Moines Water Works | **WATER YOU CAN TRUST FOR LIFE**

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Iowa Association of Water Agencies